WATER AND WASTE SYSTEM DESCRIPTION WORKSHEET

(Engineer should complete)

TYPE OF DISTRIBUTION/COLLECTION CODE:

Circle at least one of the following types of distribution for water systems. Circle at least one of the following for wastewater, stormwater, solid waste collection. At least two codes should be circled for water and sewer combinations. Up to four codes may be entered.

Water Distribution:
A – Full fire flow
B – Partial fire flow
C – Demand flow only
D – Average flow
E – Cluster
F – Individual

Stormwater Collection
G – Gravity
H - Pumping

Solid Waste Collection
P – Own Trucks
Q – Contract Haulers
R – Collection sites

Wastewater Collection:
I – Conventional gravity
J – Small diameter gravity
K – Vacuum
L – Effluent pumps
M – Grinder pumps
N – Hauling
O – On-site

TYPE OF SOURCE/DISPOSAL (DISCHARGE):

Circled up to four types of source/disposal. If it is a water & sewer fund code, then at least two codes should be circled.

Water Source:
A – Lake intake
B – River intake
C – Off-stream reservoir
D – Spring
E – Wells
F – Purchase contract

Stormwater Discharg
G – Lake
H – Stream

Solid Waste Disposal
I – Landfill
J – Contract Disposal

Wastewater Discharge:
K – Controlled discharge
L – Lake
M – Stream
N – Ocean outlet
O – Spray irrigation
P – Surface irrigation
Q – Overland flow
R – Rapid infiltration
S – Natural wetlands
T – Constructed wetlands
U – Subsurface
V – Treatment Contract

TYPE OF TREATMENT:

Circle at least one of the following types of treatment for water or sewer systems. Select up to four codes.

Water Treatment:
A – Aeration
B – Coagulation/Flocculation
C – Clarification
D – Filtration
E – Disinfection
F – Taste/Odor Control
G – Softening
H – Iron/Manganese Removal
I – Trace Organics Removal
J – Removal of Inorganics
K – Reverse Osmosis
L – Electrodialysis

Stormwater Treatment
M - Screening
N - Sedimentation

Solid Waste Treatment
O – Incineration
P - Recycling
Q - Composting
R – Energy Recovery

Wastewater Treatment:
S – Flow equalization
T – Sedimentation
U – Anaerobic lagoons
V – Aerated lagoons
W – Trickling filters
X – Rotating biological contactors
Y – Packed bed reactors
Z – Activated-Sludge
AA – Stabilization ponds
BB – Microscreening
CC – Nitrogen removal
DD – Phosphorus removal
EE – Chlorination
FF – Disinfection with ozone
GG – Dechlorination
HH – Recirculating Sand Filter
I I - Ultraviolet Disinfection
JJ - Sequencing Batch Reactors
KK – Septic Tank

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